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(Not for submission under 37 CFR 1.99)

Application Number	10597619
Filing Date	2006-08-01
First Named Inventor	BERGMANN et al.
Art Unit	
Examiner Name	
Attorney Docket Number	2582.013

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/GC/	11	GOTZ et al., "Gastric mucosal superoxide dismutases in Helicobacter pylori infection", GUT, 38(4): 502-506, 1996.	<input type="checkbox"/>
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/GC/	13	FUNASAKA KUNIIHIKO, "Change of superoxide dismutase content and its immunohistochemical localization in human thyroid tumors", MEDICAL JOURNAL OF KINKI UNIVERSITY, 20(2), 309-323, 1995. Abstract and figure legends.	<input type="checkbox"/>
/GC/	14	HASS et al., "The Effect of Bacterial Endotoxin on Synthesis of (Cu,Zn) Superoxide Dismutase in Lungs of Oxygen-exposed Rats", in: Journal of Biological Chemistry. Vol. 257(16), 9379-9383, 1982.	<input type="checkbox"/>
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/GC/	18	GORECKI et al., "Recombinant Human Superoxide Dismutases: Production and Potential Therapeutical Uses", in: Free Rad. Res. Comms., Vols. 12-13, 401-410, 1991.	<input type="checkbox"/>
/GC/	19	KONG et al., "Regulation of Cu, Zn-Superoxide Dismutase in Bovine Pulmonary Artery Endothelial Cells", in: Journal of Cellular Physiology, 153:491-497 (1992).	<input type="checkbox"/>
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/GC/	21	LEFF et al., "Serum Antioxidants as predictors of adult respiratory distress syndrome in patients with Sepsis", in: Lancet 1993; 341: 777-780.	<input type="checkbox"/>

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/GC/	22	MOKUNO et al., "Induction of Manganese Superoxide Dismutase by Cytokines and Lipopolysaccharides in Cultured Mouse Astrocytes", in J.Neurochem. 63, 612-616 (1994).	<input type="checkbox"/>
/GC/	23	ABE et al., "Lipopolysaccharide Induces Manganese Superoxide Dismutase in the Rat Pancreas: Its Role in Caerulien Pancreatitis", in: Biochem.Biophys.Res.Comm., Vol. 217,(3), 1216-1222, 1995.	<input type="checkbox"/>
/GC/	24	WARNER et al., "Prognostic Role of Antioxidant Enzymes in Sepsis: Preliminary Assessment", in: Clin.Chem. 41/6, 867-871 (1995).	<input type="checkbox"/>
/GC/	25	GHOSH et al., "Tissue Differences in Antioxidant Enzyme Gene Expression in Response to Endotoxin", in: Free Rad. Biol. Med., Vol. 21(4), 533-540, 1996.	<input type="checkbox"/>
/GC/	26	LEACH et al., "Decline in the expression of copper/zinc superoxide dismutase in the kidney of rats with endotoxic shock: Effects of the superoxide anion radical scavenger, tempol, on organ injury", in: Br. J. Pharmacol., 125, 817-825 (1998).	<input type="checkbox"/>
/GC/	27	FRANK et al., "Identification of copper/zinc superoxide dismutase as a novel nitric oxide-regulated gene in rat glomerular mesangial cells and kidneys of endotoxemic rats", in: FASEB J. Vol. 13, 869-882 (1999).	<input type="checkbox"/>
/GC/	28	SEEMA et al., "Serum TNF-Alpha and Free Radical Scavengers in Neonatal Septicemia", in: Indian J. Pediatr. 1999; 66: 511-516.	<input type="checkbox"/>
/GC/	29	DUBEY et al., "Free Oxygen radicals in acute renal failure", in: Indian Pediatrics 2000; 37: 153-158.	<input type="checkbox"/>
/GC/	30	KHARB et al., "Role of Oxygen Free Radicals in Shock"; JAPI 2000; Vol. 48(10): 956-957.	<input type="checkbox"/>
/GC/	31	FRANK et al., "Identification of copper/zinc dismutase as a nitric oxide-regulated gene in human (HaCaT) keratinocytes: Implications for keratinocyte proliferation", in Biochem. J. (2000) 346, 719-728.	<input type="checkbox"/>
/GC/	32	BATRA et al., "Alterations in antioxidant status during neonatal sepsis", in: Ann.Trop.Paediatrics (2000) 20, 27-33.	<input type="checkbox"/>

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/GC/	33	BELA et al., "Oxidative stress status: possible guideline for clinical management of critically ill patients", in: Panminerva Med 2001, 43(1): 27-31.	<input type="checkbox"/>
/GC/	34	YASUDA et al., "Prognostic significance of serum superoxide dismutase activity in patients with gastric cancer", in: Gastric Cancer 2002; 5(3): 148-53.	<input type="checkbox"/>
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/GC/	36	MARIKOVSKY et al., "Cu/Zn Superoxide Dismutase Plays Important Role in Immune Response", J. Immunol., 2003, 170: 2993-3001.	<input type="checkbox"/>
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/GC/	38	MONDOLA et al., "The Cu,Zn superoxide dismutase in neuroblastoma SK-N-BE cells is exported by a microvesicles dependent pathway", in: Mol. Brain Res. 110(2003) 45-51.	<input type="checkbox"/>
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